

Law Offices  
**FOLEY & LARDNER**  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109  
Phone: (202) 672-5300



AIRc

TO: Commissioner for Patents  
Box Reissue  
Washington D.C. 20231

Attorney Docket No. 040301/0229

**BROADENING REISSUE PATENT APPLICATION TRANSMITTAL**

**INVENTOR(S):** Syuichi SEKINE, Minoru SAKURAI, Tadahiko MAEDA, Yasuo SUZUKI, and Syuichi OBAYASHI

**Original Patent Number:** 5,936,583

**Original Patent Issue Date (month/day/year):** August 10, 1999

**TITLE:** PORTABLE RADIO COMMUNICATION DEVICE WITH WIDE BANDWIDTH AND IMPROVED ANTENNA RADIATION EFFICIENCY

**Total Pages:** 16 Pages of Specification and 36 Sheets of Drawings = 52

In connection with this application, the following are enclosed:

**APPLICATION ELEMENTS:**

- ☒ Specification, Claims, and Abstract (amended, if appropriate) - 16 pages
- ☒ Drawing(s) (proposed amendments, if appropriate) - 36 sheets, Figs. 1-50
- ☒ Unexecuted Reissue Oath/Declaration (37 CFR 1.175) (PTO/SB/51 or 52)) - 8 pages

Original U.S. Patent

- ☒ Offer to Surrender Original Patent (37 CFR 1.178) (PTO/SB/53 or PTO/SB/54) OR
- ☐ Ribboned Original Patent Grant
- ☐ Affidavit/Declaration of Loss (PTO/SB/55)

Original U.S. Patent Current Assigned? ☒ YES ☐ NO

(if Yes, check applicable box(es))

- ☐ Written Consent of all Assignees (PTO/SB/53 or 54)
- ☒ Assent of Assignee
- ☒ 37 CFR 3.73(b) Statement
- ☐ Power of Attorney

**ACCOMPANYING APPLICATION PARTS**

- ☒ Statement of Status of Claims and Support for All Changes under 37 C.F.R. §1.173(c)
- ☐ Foreign Priority Claim (35 USC 119) - (if applicable)
- ☐ Information Disclosure Statement(IDS) with PTO-1449. ☐ Copies of IDS Citations (☐)
- ☐ English Translation Document (if applicable)

- ☐ Preliminary Amendment
- ☐ Proposed Changes to the Drawings with attached ☐ sheet of drawings
- ☒ Return Receipt Postcard (MPEP 503)
- ☐ Small Entity Statement(s)
- ☐ Statement filed in prior application, status still proper and desired.
- ☐ OTHER:

**CORRESPONDENCE ADDRESS:**

Johnny A. Kumar  
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**FEE CALCULATIONS:** including Amendments to claims. (Small entity fees indicated in parentheses.)

(1) For	(2) Number Filed	(3) Number in Patent	(4) Number Extra	(5) Rate	(6) Basic Fee \$710 (\$355)
Total Claims	14	2	0	x \$18 (x \$9)	\$0.00
Independent Claims	3	2	1	x \$80 (x \$40)	\$80.00
Surcharge under 37 C.F.R. § 1.16(e) for late filing of executed reissue declaration				+ \$130 (+ \$65)	\$130.00
				<b>TOTAL FEE:</b>	<b>\$920.00</b>

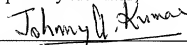
**METHOD OF PAYMENT:**

☒ A check in the amount of the above TOTAL FEE is attached. This amount is believed to be correct; however, the Commissioner is hereby authorized to charge any additional fee or credit any overpayment to Deposit Account No. 19-0741.

☐ Payment by check is not enclosed. It is requested that the Patent and Trademark Office advise the undersigned of the period of time within which to file the TOTAL FEE.

Date: August 9, 2001

Respectfully submitted,

  
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Johnny A. Kumar  
Registration No. 34,649

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 040301/0229

In re reissue patent application of

Syuichi SEKINE, *et al.*

Serial No: Not Yet Assigned

Application for reissue of U.S. Patent No.  
5,936,583, granted August 10, 1999

Filed: Herewith

For: PORTABLE RADIO COMMUNICATION DEVICE WITH WIDE  
BANDWIDTH AND IMPROVED ANTENNA RADIATION EFFICIENCY

**CERTIFICATE UNDER 37 C.F.R. 3.73(b)**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Kabushiki Kaisha Toshiba, a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the U.S. Patent and Trademark Office at Reel No. 6795, Frame No. 0249, for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor, of the patent application identified above, to the current assignee as shown below:


☐ Additional documents in the chain of title are listed on a supplemental sheet.

[X] Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is with the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I here by declare that all statements made herewith of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements, and the like so make, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: June 27, 2001  
 Name: KABUSHIKI KAISHA TOSHIBA  
Takashi NAKAYAMA  
 Title: General Manager of  
Intellectual Property Division  
 Signature: 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Attorney Docket No. 040301/0229**

In re patent application of

Syuichi SEKINE, *et al.*

Serial No. Not Yet Assigned

**Application for Reissue of U.S. Patent No. 5,936,583,  
Granted August 10, 1999**

Filed: August 9, 2001

For: **PORTABLE RADIO COMMUNICATION DEVICE WITH WIDE BANDWIDTH  
AND IMPROVED ANTENNA RADIATION EFFICIENCY**

**STATEMENT OF STATUS OF CLAIMS AND SUPPORT**  
**FOR ALL CHANGES UNDER 37 C.F.R. §1.173(c)**

Commissioner for Patents  
Washington, DC 20231

Sir:

Claims 1-16 are pending in the present reissue application. Claims 3-16 have been added.

Support for new claims 3, 4, 15, and 16 can be found in Figures 40A, 40B, 42A, and 42B, and Table 1 of U.S. Patent 5,936,583. Support for new claims 5, 6, and 8 can be found in Figures 40A and 40B and Table 1 of U.S. Patent 5,936,583. Support for new claims 7 and 9-13 can be found in Figures 42A and 42B and Table 1 of U.S. Patent 5,936,583. Support for new claim 14 can be found in Figures 41A and 41B and Tables 1 and 29 of U.S. Patent 5,936,583.

Respectfully submitted,

Johnny A. Kneel

Johnny A. Kumar  
Reg. No. 34,649

August 9, 2001  
Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 040301/0229

In re reissue patent application of

Syuichi SEKINE, *et al.*

Serial No: Not Yet Assigned

Application for reissue of U.S. Patent No.  
5,936,583, granted August 10, 1999

Filed: Herewith

For: PORTABLE RADIO COMMUNICATION DEVICE WITH WIDE  
BANDWIDTH AND IMPROVED ANTENNA RADIATION  
EFFICIENCY

**OFFER TO SURRENDER PATENT UNDER 37 C.F.R. § 1.178**

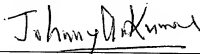
Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. § 1.178, applicants hereby offer to  
surrender original U.S. Patent No. 5,936,583, which is the subject of the reissue  
application.

Respectfully submitted,

August 9, 2001

  
\_\_\_\_\_  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: 040301/0229

In re patent application of

Syuchi SEKINE, *et al.*

Serial No: Not Yet Assigned

Filed: Concurrently Herewith

Application for reissue of U.S. Patent No. 5,936,583, Granted August 10, 1999

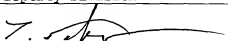
For: **PORTABLE RADIO COMMUNICATION DEVICE WITH WIDE  
BANDWIDTH AND IMPROVED ANTENNA RADIATION EFFICIENCY**

ASSENT OF ASSIGNEE

Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned assignee of the entire right, title and interest to the United States Letters Patent 5,936,583 hereby assents to the accompanying reissue application and offers to surrender said Letters Patent.

Date: June 27, 2001  
KABUSHIKI KAISHA TOSHIBA  
Name: Takashi NAKAYAMA  
General Manager of Intellectual  
Title: Property Division  
Signature: 

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